

Issue Date: 27-Jan-2015

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Version Number: 1.1

### 1. Identification

#### Product Identifiers

**Product Name:** Bright Dyes® Industrial Red Powder

**Product Number:** 105000

#### Recommended Use & Restrictions on Use

Close loop water tracing & leak detection dye

#### Manufacturer/Supplier

Kingscote Chemicals, Inc.  
3334 South Tech Blvd.  
Miamisburg, OH 45342  
U.S.A.

#### Emergency Telephone Number

**Company Telephone Number:** (937) 886-9100

**Emergency Telephone (24 hr):** INFOTRAC (800) 535-5053 (North America)  
+1-352-323-3500 (International)

### 2. Hazards Identification

**Classification:** Skin Irritant: 2 Eye Irritant: 2 Acute Toxicity, Oral: 5 Acute Toxicity, Inhalation: 5

**Signal Word** Danger



#### **Hazard Statements**

H315 - Causes skin irritation H319 - Causes serious eye irritation H335 – May cause respiratory irritation  
H350 - May cause cancer

#### **Precautionary Statements**

P280 - Wear protective gloves/protective clothing/eye protection/face protection  
P302+ P352 - IF ON SKIN: Wash with plenty of soap and water  
P304 + P340 – IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

### 3. Composition/Information on Ingredients

Chemical Name	EC No.	REACH Reg. No.	CAS. No.	Weight %	Classification
Basic Violet 10	201-383-9	Not available	81-88-9	75-90%	-

#### 4. First-Aid Measures

##### First-Aid Measures

<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists: Get medical advice/attention.
<b>Skin Contact</b>	Wash thoroughly with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.
<b>Inhalation</b>	Remove to fresh air. If breathing is difficult, administer oxygen; seek medical attention immediately.
<b>Ingestion</b>	Rinse mouth. DO NOT induce vomiting. Drink plenty of water. Never give anything by mouth to an unconscious person. Get medical attention if large quantities were ingested or if nausea occurs.

##### Most Important Symptoms and Effects

<b>Symptoms</b>	Will cause staining of the skin on contact. May cause eye irritation. Inhalation of dust may cause respiratory irritation. Ingestion may cause urine to be a red color until the dye has been washed through the system.
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##### Indication of Any Immediate Medical Attention and Special Treatment Needed

<b>Notes to Physician</b>	Treat symptomatically.
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#### 5. Fire-Fighting Measures

##### Suitable Extinguishing Media

Water spray (fog). Carbon dioxide (CO<sub>2</sub>). Dry chemical. Regular foam.

##### Unsuitable Extinguishing Media

Not determined

##### Specific Hazards Arising from the Chemical

Remote possibility of dust explosion. Burning may produce oxides of carbon and nitrogen (NO<sub>x</sub>).

##### Protective Equipment and Precautions for Firefighters

Wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

#### 6. Accidental Release Measures

##### Personal Precautions, Protective Equipment and Emergency Procedures

<b>Personal Precautions</b>	Use personal protective equipment as recommended in Section 8.
<b>Environmental Precautions</b>	Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12 and Section 13.

**Methods and Material for Containment and Cleaning Up**

<b>Methods for Containment</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods for Cleaning Up</b>	Sweep up and collect into suitable containers for disposal. Flush area with water.

**7. Handling and Storage****Precautions for Safe Handling**

<b>Advice on Safe Handling</b>	Handle in accordance with good industrial hygiene and safety practices. Use personal protection recommended in Section 8. Avoid contact with skin, eyes, or clothing. Avoid breathing dusts. Contaminated clothing should be thoroughly washed before being reused.
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**Conditions for Safe Storage, Including Incompatibilities**

<b>Storage Conditions</b>	Keep container tightly closed and store in a cool, dry, and well-ventilated area. Store away from heat, sparks, open flame or any other ignition source.
<b>Incompatible Materials</b>	Strong Oxidizing Agents.

**8. Exposure Controls / Personal Protection****Exposure Guidelines**

<b>Chemical Name</b>	<b>ACGIH TLV</b>	<b>OSHA</b>	<b>PEL</b>	<b>NIOSH</b>	<b>IDLH</b>
Basic Violet 10					
CAS No. 81-88-9					

**Engineering Controls**

Ensure adequate ventilation, especially in confined areas. Eyewash stations. Showers.

**Individual Protection Measures, Such as Personal Protective Equipment:**

<b>Eye/Face Protection</b>	Avoid contact with eyes.
<b>Skin &amp; Body Protection</b>	Rubber gloves. Suitable protective clothing.
<b>Respiratory Protection</b>	Use NIOSH-approved dust mask if dusty conditions exist.
<b>Hygiene Measures</b>	Handle in accordance with good industrial hygiene and safety practices.

**9. Physical and Chemical Properties****Information on Basic Physical and Chemical Properties**

<b>Physical State</b>	Solid	<b>Odor</b>	None apparent
<b>Appearance</b>	Dark Green powder	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Dark green		

<b><u>Property</u></b>	<b><u>Values</u></b>
<b>pH</b>	Not applicable
<b>Melting/Freezing Point</b>	No Data Available

Boiling Point/Range	Not applicable
Flash Point	Not applicable
Evaporation Rate	Not applicable
Flammability (solid, gas)	Non-flammable
Upper Flammability Limits	Not applicable
Lower Flammability Limits	Not applicable
Vapor Pressure	Not applicable
Vapor Density	Not applicable
Relative Density	Not applicable
Specific Gravity	Not applicable
Solubility	Soluble in water
Partition Coefficient	Not determined
Auto-ignition Temperature	Not determined
Decomposition Temperature	Not determined
Viscosity	Not determined

## 10. Stability and Reactivity

### Reactivity

Not reactive under normal conditions.

### Chemical Stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

### Conditions to Avoid

Keep out of reach of children.

### Incompatible Materials

Strong Oxidizing Agents.

### Hazardous Decomposition Products

Oxides of carbon and nitrogen (NO<sub>x</sub>).

## 11: Toxicological Information

### Information on Likely Routes of Exposure

<b>Inhalation</b>	Avoid inhalation of dust.
<b>Ingestion</b>	Do not ingest.
<b>Skin Contact</b>	May cause an allergic skin reaction.
<b>Eye Contact</b>	Avoid contact with eyes.

### Delayed, Immediate, and Chronic Effects from Short- and Long-Term Exposure

May cause an allergic skin reaction.

### Numerical Measures of Toxicity

Not determined

**Symptoms Associated with Exposure**

See Section 4 of this SDS for symptoms.

**Carcinogenicity**

NTP	None
IARC	Group 3*
OSHA	None

\*Group 3 IARC components are "not classifiable as human carcinogens"

**12. Ecological Information****Ecotoxicity**

The environmental impact of this product has not been fully investigated. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**Component Information**

Not available

**Persistence/Degradability**

Not determined

**Bioaccumulation**

Not determined

**Mobility**

Not determined

**Other Adverse Effects**

Not determined

**13. Disposal Considerations****Waste Disposal Methods**

Dispose of in accordance with federal, state, and local regulations.

**Contaminated Packaging**

Do not re-use empty containers. Dispose of containers in accordance with federal, state, and local regulations.

**14. Transport Information****Note**

See current shipping paper for most up-to-date shipping information, including exemptions and special circumstances.

DOT	Not regulated
IATA	Not regulated
OMDG	Not regulated

<b>15: Regulatory Information</b>
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**International Inventories**

TSCA	Complies
EINECS/ELINCS	Complies
ENCS	Complies
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

**U.S. Federal Regulations**

**CERCLA** This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

**SARA 313** Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical which is subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Chemical Name	CAS No.	Weight %	SARA 313 – Threshold Value %
Basic Violet 10	81-88-9	75-90%	1%

**Sara 311/312 Hazard Categories**

Acute Health - Yes

Chronic Health Hazard- Yes

Fire Hazard - No

Sudden Release of Pressure Hazard - No

Reactive Hazard - No

**CWA (Clean Water Act)** This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**U.S. State Regulations**

**California Proposition 65** This product contains the following Proposition 65 chemicals

Chemical Name	CAS No.	California Prop. 65
Basic Violet 10	81-88-9	Carcinogen

**U.S. State Right-to-Know** **Chemical Name: Basic Violet 10 CAS No. 81-88-9**  
 Massachusetts (X) New Jersey (X) Pennsylvania (X) Illinois Rhode Island

**16: Other Information****HMIS**

Health Hazards	Flammability	Instability	Special Hazards
1	0	0	Not determined

**NFPA**

Health Hazards	Flammability	Physical Hazards	Personal Protection
1	0	0	F

**WHMIS classification****D2A – Very Toxic material causing other toxic effects**

<b>Issue Date</b>	27-Jan-2015
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<b>Revision Note</b>	Content Review

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**